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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/687,699	10/12/2000	Shing Mark Lin	ADAPP171	7677

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EXAMINER

HUYNH, KIM T

ART UNIT

PAPER NUMBER

2189

DATE MAILED: 02/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/687,699

Applicant(s)

LIN ET AL.

Examiner

Kim T. Huynh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 1 6) ☐ Other: _____

DETAILED ACTION

Title

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Wakeley et al. (US Patent 6,463,498)

a. As per claim 1, Wakeley discloses a method for providing device information using a Fibre Channel network, comprising the operations of: (col.25, lines 28-38)

- obtaining device information for a device coupled to a Fibre Channel based network; (col.4, lines 34-42),

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- constructing an address database (fig.3, 330), (col.4, lines 42-51) having a device entry for the device, wherein the device entry includes a port target identifier(fig.3, 316) and a logical unit identifier (fig.3, 318) and wherein the device entry associates the device information with the port target identifier and the logical unit identifier; (col.6, lines 61-67), (col.7, lines 1-6)
- receiving a request for the device information, wherein the request includes the port target identifier and the logical unit identifier; (col.7, lines 6-40)
- returning the device information associated with the port target identifier and the logical unit identifier. (col.7, lines 6-40)

b. As per claim 14, Wakeley discloses a computer program that provides device information using a Fibre Channel network, comprising:

- a code segment (fig.9, 911,912), (col.25, lines 3-6) that obtains device information for a device coupled to a Fibre Channel based network; (col.5, lines 52-55), (col.6, lines 4-5)
- a code segment (fig.9, 911,912) that constructs an address database having a device entry for the device, wherein the device entry includes a port target identifier and a logical unit identifier, and wherein the device entry associates the device information with the port target identifier and the logical unit identifier; (col.6, lines 61-67), (col.7, lines 1-6)

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- a code segment (fig.9, 911,912) that receives a request for the device information, wherein the request includes the port target identifier and the logical unit identifier; and (col.7, lines 10-40)
 - a code segment(fig.9, 911,912) that returns the device information, wherein the request includes the port target identifier and the logical unit identifier; (col.7, lines 10-40)
 - a code segment(fig.9, 911,912) that returns the device information associated with the port target identifier and the logical unit identifier. (col.7, lines 10-40)
- b. As per claim 2, 15, 16, Wakeley discloses the device entry further associates an Arbitrated Loop Physical Address (AL_PA) with the port target identifier and the logical unit identifier. (col.18, lines 38-67)
- c. As per claim 3, Wakeley discloses a method further comprising the operation of returning the AL_PA associated with the port target identifier (fig.3, 316) and the logical unit identifier (fig.3, 318) in response to the request. (col.18, lines 38-67)
- d. As per claims 4 and 17, Wakeley discloses the request is in the form of a SCSI based Protocol Auto Configuration (PAC) command. (col.7, lines 6-40)
- e. As per claims 5 and 18, Wakeley discloses the request is in the form of a SCSI based Probe command. (col.7, lines 6-40)
- f. As per claims 6 and 19, Wakeley discloses method further comprising the operation of performing a lookup operation (fig.6A, 616) to obtain the device

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information associated with the port target identifier and the logical unit identifier utilizing the address database. (col.10, lines 21-40)

g. As per claims 7 and 20, Wakeley discloses the device information includes a device type for the device. (col.8, lines 46-64)

h. As per claim 8, Wakeley discloses a system for providing device information using Fibre Channel network, comprising:

- a Fibre Channel based network; (col.2, lines 13-16)
- a device entry further associates an Arbitrated Loop Physical Address (AL_PA) with the port target identifier and the logical unit identifier. (col.18, lines 38-67)
- an address database(fig.3,330) having a device entry for the device, wherein the device entry includes a port target identifier(fig.3, 316) and a logical unit identifier (fig.3, 318) and wherein the device entry associates the device information with the port target identifier and the logical unit identifier; (col.6, lines 61-67), (col.7, lines 1-6)

i. As per claim 9, Wakeley discloses the device entry further associates the AL_PA with the port target identifier and the logical unit identifier. (col.18, lines 38-67)

j. As per claim 10, Wakeley discloses further comprising a Fibre Channel driver (fig.8, 804) having a Fibre Channel Common Hardware Interface (FCHIM). (fig.8, 820) (col.4, lines 42-51), (col.6, lines 41-67), (col.7, lines 1-40)

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k. As per claim 11, Wakeley discloses a system further comprising a SCSI based application in communication with the Fibre Channel driver. (col.4, lines 42-51), (col.6, lines 41-67), (col.7, lines 1-40), (col.8, lines 25-33)

l. As per claim 12, Wakeley discloses the SCSI based application passes a request for device information to the Fibre Channel driver, the request including the port target identifier and the logical unit identifier. (col.18, 38-67)

m. As per claim 13, Wakeley discloses the Fibre Channel driver returns the device information based on the port target identifier and the logical unit identifier using the address database. (col.6, lines 41-67), (col.7, lines 1-40)

Conclusion

4. *Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim Huynh whose telephone number is (703)305-5384 or via e-mail addressed to [kim.huynh3@uspto.gov]. The examiner can normally be reached on M-F 8:30AM- 6:30PM.*

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on (703) 305-4815 or via e-mail addressed to [mark.rinehart@uspto.gov]. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-7249 for regular communications and (703)746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)306-5631.

Kim Huynh

Feb. 20, 2003


RUPAL DHARIA
PRIMARY EXAMINER